

[illegible]

5 a communication node connected at a far distance to
said switch via a logical link in which a communication
protocol is defined, having a function of extending a
geographical accommodation area of the subscriber that is
managed by said switch, and including a testing device
10 for executing a test for a subscriber's line and
subscriber circuit that correspond to the subscriber
accommodated therein,

15 said switch includes a processing unit for
transmitting to said communication node a piece of test
specifying information, inputted from said
maintenance/operation terminal, for indicating a
subscriber test for the subscriber's line and subscriber
20 circuit that correspond to the accommodated subscriber by
use of specifying information of a message type based on
the V5 interface protocol, and

said communication node includes a processing unit
for making said testing device execute the subscriber
25 test on the basis of the test specifying information

received via said logical link from said switch, and sending test result information for informing of a result of the test back to said switch by use of specifying information of a message type based on the V5 interface 5 protocol.

2. A subscriber testing system according to claim 1, wherein any one of a port control protocol and a PSTN signal protocol of the V5 interface protocol is used.

10

3. A subscriber testing system according to claim 2, wherein when the accommodated subscriber is an analog subscriber, the PSTN signal protocol is used.

15

4. A subscriber testing system according to claim 2, wherein when the accommodated subscriber is a digital subscriber, the port control protocol is used.

Sub AI 20 ~~5. A subscriber testing system according to claim 1, 3 or 4, wherein a field of an information element subsequent to a field of a message type in the V5 interface protocol is used for specifying a test type of the subscriber test.~~